

**THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE**

**SCHOOL OF SCIENCES**

**DEPARTMENT OF BIOLOGY**

**FIRST SEMESTER EXAMINATION 2013/2014 SESSION**

**COURSE TITLE:** GENERAL BIOLOGY

**COURSE CODE:** BIO 101

**INSTRUCTION:** ANSWER ALL QUESTIONS

**TIME ALLOWED:** 1HR 30MINS

**NAME:** .....

**MATRIC NO:** ..... **DEPT:** .....

1. Biology is obtained from two Greek words, ..... and .....
2. Define the following branches of Biology:
  - (a) Morphology .....  
.....
  - (b) Physiology .....  
.....
  - (c) Ecology .....  
.....
  - (d) Molecular biology .....  
.....
  - (e) Genetics .....  
.....
3. Metabolism is the .....  
and is made up of ..... and .....
4. Species is defined as .....  
.....
5. The energy released by living things is stored in the molecules of .....  
which occur in all living cells.
6. Give two reasons why we classify organisms; ..... and .....

